

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) A method of dispersing a solid insoluble material in an aqueous solution comprising the following steps:

(i) providing a formulation comprising at least one finely divided solid insoluble material and at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein the second comonomer is selected from the group consisting of  $\beta$ -pinene, 5-ethylidene-2-norbornene, methylene cyclohexane and methylene cyclopentane;

(ii) dispersing said formulation in an aqueous medium.

2. (Original) A method according to claim 1 wherein the copolymer contains additional comonomer residues which will not substantially change the character of the copolymer.

3-8. (Cancelled)

9. (Currently Amended) A method of dispersing a solid active water-insoluble agrochemical principal in an aqueous solution comprising the following steps:

(i) providing a formulation comprising at least one finely divided solid active water-insoluble agrochemical principal and at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and

wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides; sulfonates; esters; amides; and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the provisos that (a) when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, (b) when the second comonomer is sulphonated styrene, the first comonomer is not alkyl acrylate or alkyl methacrylate, and (c) when the first comonomer is maleic anhydride, the second comonomer is not styrene;

(ii) dispersing said formulation in an aqueous medium.

10. (Original) A method according to claim 9 wherein the first comonomers are selected from the group consisting of fumaric acid, maleic acid and anhydrides, and the esters, amides and imides derived from them, itaconic acid and anhydride and the corresponding esters amides and imides derived from them, acrylic and methacrylic acids and the corresponding esters and amides derived from them, vinylphosphonic acid and the corresponding esters and amides derived from it and ethylene sulphonic acid and the esters and amides derived from it.

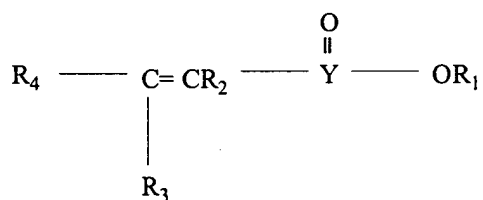
11. (Original) A method according to claim 9 wherein the second comonomer is selected from the group consisting of  $\beta$ -pinene, 5-ethylidene-2-norbornene, methylene cyclohexane and methylene cyclopentane.

12. (Original) A method according to claim 9 wherein the second comonomer is selected from the group consisting of substituted and unsubstituted norbornene, cyclopentadiene and substituted cyclopentadienes, substituted and unsubstituted dicyclopentadienes, cyclohexenes, furans and indenenes.

13. (Original) A method according to claim 9 wherein the second comonomer is selected from the group consisting of limonene and similar terpenes, vinyl cyclohexanes, vinyl cyclohexenes, vinyl pyridines, vinyl thiophenes, vinyl naphthalenes, vinyl furans, vinyl pyrans and, vinyl pyrrolidones.

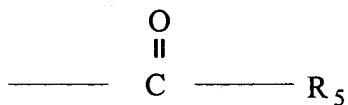
14. (Original) A method according to claim 9 wherein the second comonomer is an  $\alpha$ -olefin having an alkyl group selected from the group consisting of diisobutylene, isobutylene, n-octene, n-decene, allyglycidylether or vinylisobutylether.

15. (Previously Presented) A method according to claim 9 wherein the first comonomer is of formula I



I

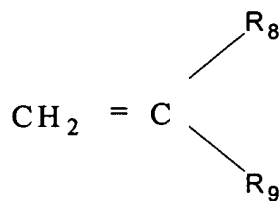
wherein  $\text{R}_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation,  $\text{R}_2$  is hydrogen,  $\text{C}_1$  to  $\text{C}_4$  alkyl or  $\text{CH}_2\text{CO}_2\text{H}$ , Y is a carbon atom, the group  $\text{O}=\text{S}$ , or the group  $\text{POR}$  where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical),  $\text{R}_3$  is hydrogen and  $\text{R}_4$  is hydrogen, an alkyl radical or a carboxylic acid derivative of formula II



II

wherein  $\text{R}_5$  is  $\text{OR}_6$ ,  $\text{NR}_6\text{R}_7$  or  $\text{SR}_6$ , where  $\text{R}_6$  and  $\text{R}_7$  are hydrogen, alkyl, or alkyl groups with a hetero atom substituent.

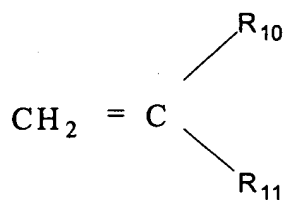
16. (Previously Presented) A method according to claim 9 wherein the second comonomer is a vinyl compound of formula III



III

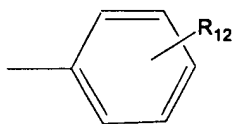
wherein  $\text{R}_8$  represents hydrogen or a straight or branched chain alkyl of from 1-4 carbon atoms and  $\text{R}_9$  represents hydrogen, a branched chain alkyl radical of from 1-12 carbon atoms or cycloalkyl radical;

and/or the second comonomer is a vinyl compound of formula IV

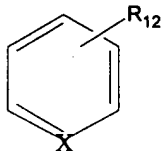


IV

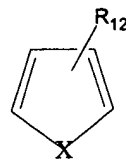
wherein  $\text{R}_{10}$  is a straight or branched chain alkyl radical of from 1-4 carbons, and  $\text{R}_{11}$  is given by formula V, VI or VII



V



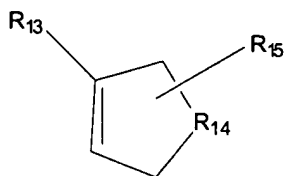
VI



VII

wherein  $\text{R}_{12}$  represents one or more alkyl radicals or one or more of H, Cl, OR,  $\text{SO}_3\text{R}_1$ ,  $\text{NO}_2$  and  $\text{PO}_3\text{R}_1$ , and X is a hetero atom other than carbon where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical) and  $\text{R}_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation;

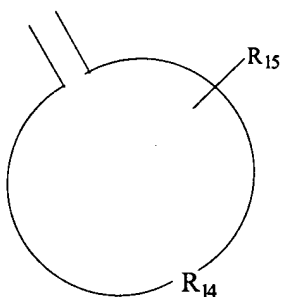
and/or the second comonomer is an olefin of formula VIII



VIII

wherein  $R_{13}$  is Cl,  $SO_3R_1$ , alkyl, O-alkyl or O-aryl,  $R_{14}$  represents from 4-20 carbon atoms such as to make a cyclic or polycyclic alkane or polyalkenyl compound, and  $R_{15}$  is an epoxide or  $SO_3R_1$  reacted with an unsaturated portion of the ring comprising  $R_{14}$ ;

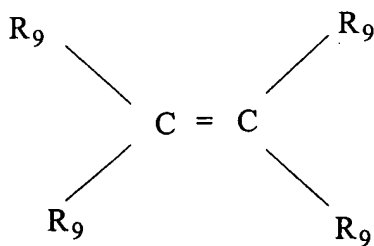
and/or the second comonomer is an exocyclic olefin of formula IX



IX

where  $R_{14}$  and  $R_{15}$  are as hereinabove defined;

and/or the second comonomer is an internal olefin of formula X,



X

where  $R_9$  is the same or different and as hereinabove defined.

17. (Original) A method according to claim 9 wherein the copolymer contains additional comonomer residues which will not substantially change the character of the copolymer.

18. (Currently Amended) An agricultural formulation comprising at least one finely divided solid insoluble material and at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides; sulfonates; esters; amides; and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the provisos that (a) when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, (b) ~~and that when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted,~~ (c) when the second comonomer is sulphonated styrene, the first comonomer is not alkyl acrylate or alkyl methacrylate, and (d) when the first comonomer is maleic anhydride, the second comonomer is not styrene.

19. (Original) An agricultural formulation according to claim 18 wherein the formulation is in the form of a suspension concentrate (SC), a wettable powder (WP) or a water dispersible granule (WG).

20. (Original) An agricultural formulation according to claim 18 wherein first comonomers are selected from the group consisting of fumaric acid, maleic acid and anhydrides, and the esters, amides and imides derived from them, itaconic acid and anhydride and the corresponding esters amides and imides derived from them, acrylic and methacrylic acids and the esters and amides derived from them, vinylphosphonic acid and the corresponding esters and amides derived from it and ethylene sulphonic acid and the esters and amides derived from it.

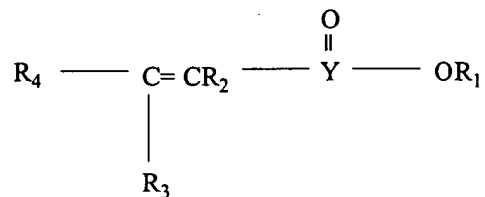
21. (Original) An agricultural formulation according to claim 18 wherein the second comonomers are selected from the group consisting of  $\beta$ -pinene, 5-ethylidene-2-norbornene, methylene cyclohexane and methylene cyclopentane.

22. (Original) An agricultural formulation according to claim 18 wherein the second comonomers are selected from the group consisting of substituted and unsubstituted norbornene, cyclopentadiene and substituted cyclopentadienes, substituted and unsubstituted dicyclopentadienes, cyclohexenes, furans and indenenes.

23. (Original) An agricultural formulation according to claim 18 wherein the second comonomers are selected from the group consisting of limonene and similar terpenes, vinyl cyclohexanes, vinyl cyclohexenes, vinyl pyridines, vinyl thiophenes, vinyl naphthalenes, vinyl furans, vinyl pyrans and, vinyl pyrrolidones.

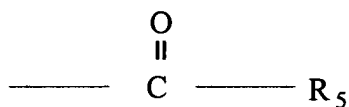
24. (Previously Presented) An agricultural formulation according to claim 18 wherein the olefin is an  $\alpha$ -olefin having an alkyl group selected from the group consisting of diisobutylene, isobutylene, n-octene, n-decene, allylglycidylether and vinylisobutylether.

25. (Previously Presented) An agricultural formulation according to claim 18 wherein the first comonomer is of formula I



I

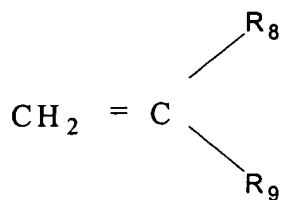
wherein  $\text{R}_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation,  $\text{R}_2$  is hydrogen,  $\text{C}_1$  to  $\text{C}_4$  alkyl or  $\text{CH}_2\text{CO}_2\text{H}$ , Y is a carbon atom, the group  $\text{O}=\text{S}$ , or the group  $\text{POR}$  where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical),  $\text{R}_3$  is hydrogen and  $\text{R}_4$  is hydrogen, an alkyl radical or a carboxylic acid derivative of formula II:



II

wherein  $\text{R}_5$  is  $\text{OR}_6$ ,  $\text{NR}_6\text{R}_7$  or  $\text{SR}_6$ , where  $\text{R}_6$  and  $\text{R}_7$  are hydrogen, alkyl, O-alkyl, or alkyl groups with a hetero atom substituent.

26. (Previously Presented) An agricultural formulation according to claim 18 wherein the second comonomer is of formula III

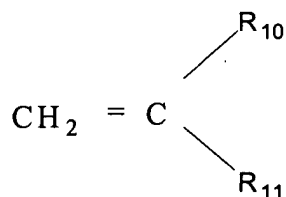


III



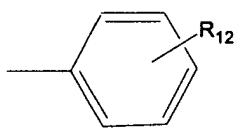
wherein  $R_8$  represents hydrogen or a straight or branched chain alkyl of from 1-4 carbon atoms,  $R_9$  represents hydrogen, a branched chain alkyl radical of from 1-12 carbon atoms, or a cycloalkyl radical;

and/or the second comonomer is a vinyl compound of formula IV

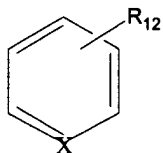


IV

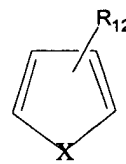
wherein  $R_{10}$  is a straight or branched chain alkyl radical of from 1-4 carbons and  $R_{11}$  is of formula V, VI or VII



V



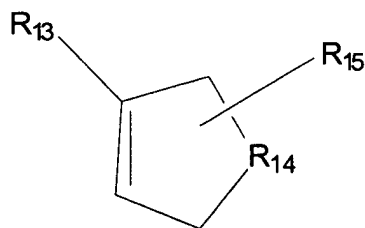
VI



VII

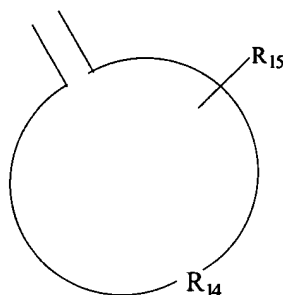
wherein  $R_{12}$  represents one or more alkyl radicals or one or more of H, Cl, OR,  $\text{SO}_3\text{R}_1$ ,  $\text{NO}_2$  and  $\text{PO}_3\text{R}_1$ , and X is a hetero atom other than carbon, where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical) and  $R_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation;

and/or the second comonomer is an olefin shown by formula VIII,



VIII

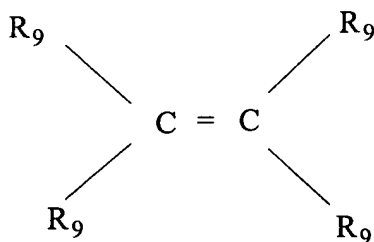
wherein  $R_{13}$  is Cl,  $SO_3R_1$ , alkyl, O-alkyl or O-aryl,  $R_{14}$  represents from 4-20 carbon atoms such as to make a cyclic or polycyclic alkane or polyalkenyl compound and  $R_{15}$  is an epoxide or  $SO_3R_1$  reacted with an unsaturated portion of the ring comprising  $R_{14}$ ; and/or the second comonomer is an exocyclic olefin shown by formula IX



IX

where  $R_{14}$  and  $R_{15}$  are as hereinabove defined;

and/or the second comonomer is an internal olefin of formula X,



X

where  $R_9$  is the same or different and as hereinabove defined.

27. (Original) An agricultural formulation according to claim 18 wherein the copolymer contains additional comonomer residues which will not substantially change the character of the copolymer.

28. (Original) An agricultural formulation according to claim 18 wherein the dispersant is readily soluble in water.

29. (Original) An agricultural formulation according to claim 18 wherein the dispersant is an agriculturally acceptable salt of the copolymer and wherein the salt comprises sodium, potassium and/or ammonium ions.

30. (Original) An agricultural formulation according to claim 18 wherein the copolymer is polyanionic.

31. (Original) An agricultural formulation according to claim 18 wherein the copolymer is in the form of its free acid.

32. (Original) An agricultural formulation according to claim 18 wherein the dispersant is a water-soluble agriculturally acceptable derivative of the copolymer wherein said derivative is selected from the group consisting of polyalkyleneoxy derivatives, polyethyleneglycol derivatives, polyamide derivatives and polyvinyl alcohol derivatives.

33. (Previously Presented) An agricultural formulation according to claim 18 wherein the copolymer has a molecular weight in the range of from 1000 to 90000 daltons.

34. (Original) An agricultural formulation according to claim 18 wherein the water-insoluble materials are selected from the group consisting of herbicides, insecticides, fungicides, biocides, molluscicides, algaicides, plant growth regulators, anthelmintics, rodenticides, nematocides, acaricides, amoebicides, protozoacides, fertilizers, crop safeners, fillers and carriers and other adjuvants.

35. (Original) An agricultural formulation according to claim 18 wherein the formulation further comprises a surfactant wetting agent.

36. (Original) An agricultural formulation according to claim 35 wherein the surfactant wetting agent is selected from the group consisting of an alkylpolysaccharide; di or

mono alkyl sulphosuccinate derivative; a nonionic surfactant loaded onto an inert silicate carrier; and a non-ionic surfactant delivered in the form of a urea surfactant complex.

37. (Currently Amended) A method of making an agrochemical formulation comprising the steps of:

(i) combining at least one finely divided solid insoluble material, and at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides; sulfonates; esters; amides; and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the provisos that (a) when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, (b) ~~and that~~ when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted, (c) when the second comonomer is sulphonated styrene, the first comonomer is not alkyl acrylate or alkyl methacrylate, and (d) when the first comonomer is maleic anhydride, the second comonomer is not styrene.

38. (Currently Amended) A method according to claim 37, further comprising the steps of:

~~(i) combining at least one finely divided solid insoluble material, and at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first~~

~~comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides, sulfonates, esters, amides, and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the proviso that when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, and that when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted.~~

- (ii) milling said combination to a particle size range in order to obtain a stable, readily-suspendible aqueous dispersion; and
- (iii) stabilising said aqueous dispersion to obtain an SC formulation suitable for dilution in water for agricultural use.

39. (Currently Amended) A method according to claim 37, further comprising the steps of:

- ~~(i) combining at least one finely divided solid insoluble material, with at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides, sulfonates, esters, amides, and~~

~~optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the proviso that when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, and that when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted; and~~

(ii) milling said combination to a desired particle size to obtain a homogeneous wettable powder (WP) formulation.

40. (Currently Amended) A method according to claim 37, further comprising the steps of:

~~(i) — combining at least one finely divided solid insoluble material suitable for agricultural use with at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides; sulfonates; esters; amides; and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the proviso that when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, and that when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted; and~~

(ii) blending said combination to obtain a homogeneous wettable powder (WP) formulation.

41. (Currently Amended) A method according to claim 37, further comprising the steps of:

~~(i) combining at least one finely divided solid insoluble material suitable for agricultural use with at least one dispersant comprising a water soluble copolymer wherein said copolymer comprises a residue of a first comonomer and a residue of a second comonomer, wherein said first comonomer is an  $\alpha,\beta$ -unsaturated oxyacid or anhydride and said second comonomer is an olefin having at least one polymerizable double bond and wherein at least one of said first comonomer and said second comonomer is substituted, wherein the substituents for said first comonomer are selected from the group consisting of esters, amides, thioesters and other functional groups derived from reaction with nucleophilic reagents and wherein the substituents for the second comonomer are selected from the group consisting of epoxides; sulfonates; esters; amides; and optionally substituted pendent aromatic and heteroaromatic groups wherein said optional substituents are selected from the group consisting of sulfonates, nitrates, phosphates and other substituents derived from reaction with electrophilic reagents; with the proviso that when the second comonomer is sulphonated styrene or sulphonated isobutylene, the first comonomer is substituted, and that when one of the first and second comonomers is substituted with an ester group containing a polyalkyleneoxy moiety, the other of the first and second comonomers must be substituted;~~

(ii) agglomerating said combination to form discrete granular materials; and

(iii) drying said granular materials to obtain a water dispersible granule WG formulation.

42. (Original) A method according to claim 37 wherein the first comonomers are selected from the group consisting of fumaric acid, maleic acid and anhydrides, and the esters, amides and imides derived from them, itaconic acid and anhydride and the corresponding esters amides and imides derived from them, acrylic and methacrylic acids and the

corresponding esters and amides derived from them, vinylphosphonic acid and the corresponding esters and amides derived from it and ethylene sulphonic acid and the esters and amides derived from it.

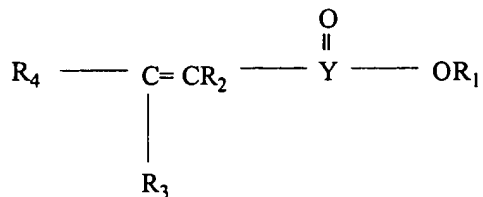
43. (Original) A method according to claim 37 wherein the second comonomer is selected from the group consisting of  $\beta$ -pinene, 5-ethylidene-2-norbornene, methylene cyclohexane and methylene cyclopentane.

44. (Original) A method according to claim 37 wherein the second comonomer is selected from the group consisting of substituted and unsubstituted norbornene, cyclopentadiene and substituted cyclopentadienes, substituted and unsubstituted dicyclopentadienes, cyclohexenes, furans and indenenes.

45. (Original) A method according to claim 37 wherein the second comonomer is selected from the group consisting of limonene and similar terpenes, vinyl cyclohexanes, vinyl cyclohexenes, vinyl pyridines, vinyl thiophenes, vinyl naphthalenes, vinyl furans, vinyl pyrans and vinyl pyrrolidones.

46. (Previously Presented) A method according to claim 37 wherein the olefin is an  $\alpha$ -olefin having an alkyl group selected from the group consisting of diisobutylene, isobutylene, n-octene, n-decene, allylglycidylether and vinylisobutylether.

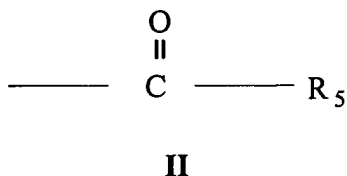
47. (Previously Presented) A method according to claim 37 wherein the first comonomer is of formula I



I

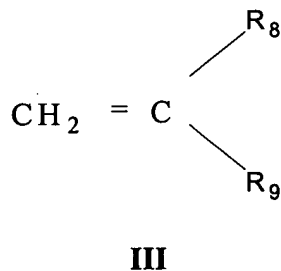


wherein  $R_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation,  $R_2$  is hydrogen,  $C_1$  to  $C_4$  alkyl or  $CH_2CO_2H$ , Y is a carbon atom, the group  $O=S$ , or the group POR where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical),  $R_3$  is hydrogen and  $R_4$  is hydrogen, an alkyl radical or a carboxylic acid derivative of formula II



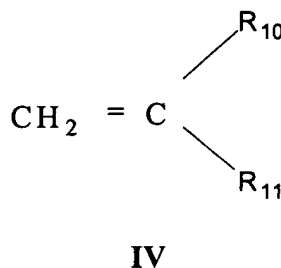
wherein  $R_5$  is  $OR_6$ ,  $NR_6R_7$  or  $SR_6$ , where  $R_6$  and  $R_7$  are hydrogen, alkyl, O-alkyl, or alkyl groups with a hetero atom substituent.

48. (Previously Presented) A method according to claim 37 wherein the second comonomer is of formula III

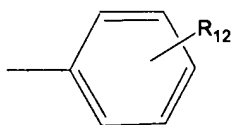


wherein  $R_8$  represents hydrogen or a straight or branched chain alkyl of from 1-4 carbon atoms,  $R_9$  represents hydrogen, a branched chain alkyl radical of from 1-12 carbon atoms, or a cycloalkyl radical;

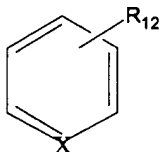
and/or the second comonomer is a vinyl compound of formula IV



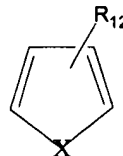
wherein  $R_{10}$  is a straight or branched chain alkyl radical of from 1-4 carbons and  $R_{11}$  is of formula V, VI or VII



V

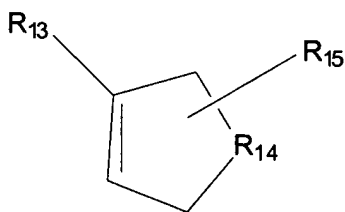


VI



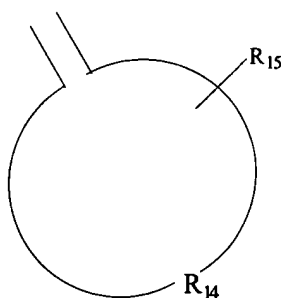
VII

wherein  $R_{12}$  represents one or more alkyl radicals or one or more of H, Cl, OR,  $SO_3R_1$ ,  $NO_2$  and  $PO_3R_1$ , and X is a hetero atom other than carbon, where R is a hydrogen atom or alkyl radical having from 1 to 10 carbon atoms (or carboxylated such radical) and  $R_1$  is a metal, quaternary ammonium, phosphonium or sulphonium cation;  
and/or the second comonomer is an olefin shown by formula VIII



VIII

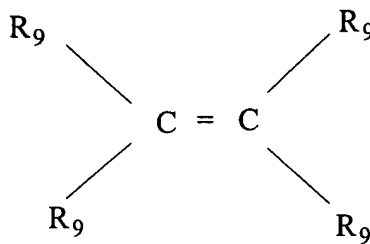
wherein  $R_{13}$  is Cl,  $SO_3R_1$ , alkyl, O-alkyl or O-aryl,  $R_{14}$  represents from 4-20 carbon atoms such as to make a cyclic or polycyclic alkane or polyalkenyl compound and  $R_{15}$  is an epoxide or  $SO_3R_1$  reacted with an unsaturated portion of the ring comprising  $R_{14}$ ;  
and/or the second comonomer is an exocyclic olefin shown by formula IX



IX

where  $R_{14}$  and  $R_{15}$  are as hereinabove defined;

and/or the second comonomer is an internal olefin of formula X,



X

where  $R_9$  is the same or different and as hereinabove defined.

49. (Original) A method according to claim 37 wherein the copolymer contains additional comonomer residues which will not substantially change the character of the polymer.

50. (Original) A method according to claim 37 wherein the dispersant is readily soluble in water.

51. (Original) A method according to claim 37 wherein the dispersant is an agriculturally acceptable salt of the copolymer and wherein the salt comprises sodium, potassium and/or ammonium ions.

52. (Original) A method according to claim 37 wherein the copolymer is polyanionic.

53. (Original) A method according to claim 37 wherein the copolymer is in the form of its free acid.

54. (Original) A method according to claim 37 wherein the dispersant is a water- soluble agriculturally acceptable derivative of the copolymer wherein said derivative is selected from the group consisting of polyalkyleneoxy derivatives, polyethyleneglycol derivatives, polyamide derivatives and polyvinyl alcohol derivatives.

55. (Previously Presented) A method according to claim 37 wherein the copolymer has a molecular weight in the range of from 1000 to 90000 daltons.

56. (Original) A method according to claim 37 wherein the water-insoluble materials are selected from the group consisting of herbicides, insecticides, fungicides, biocides, molluscicides, algaicides, plant growth regulators, anthelmintics, rodenticides, nematocides, acaricides, amoebicides, protozoacides, fertilizers, crop safeners, fillers and carriers and other adjuvants.

57. (Previously Presented) An agricultural formulation produced by the method of any one of claims 37 to 41.

58-65. (Cancelled)